

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :  
Toshihisa SARUTA : EXAMINER:  
PATENT NO: 6,196,670 :  
ISSUED: MARCH 6, 2001 : GROUP ART UNIT:  
FOR: PRINTER AND INK CARTRIDGE :  
ATTACHED THERETO

REMARKS AND SUPPORT FOR CLAIM AMENDMENTS

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

REMARKS

The present response is submitted in the reissue of U.S. Application 6,196,670. In that reissue application, claim amendments and new Claims 16-31 are submitted. Those claim amendments and new claims amendment find clear support in the original letters patent U.S. 6,196,670.

Claim 1 deletes a limitation, and also clarifies the limitation as to the frequency of writing information into a rewritable storage device and the non-volatile memory. The language directed to the frequency is believed to be supported by original Claim 1.

Claim 19 has been amended to also change the language of the frequency of writing information to a memory of a cartridge, which is evident from the original claim. Claim 19 further recites that "the information is written into said non-volatile memory in response to a

power down instruction occurred in the printer main body". That subject matter is supported by the original letters patent at column 17, lines 27-42, as one example.

New dependent Claim 31 specifically recites what is meant by the term "power down instruction" now recited in Claim 19. The subject matter of Claim 31 is also supported by the original letters patent at column 17, lines 31-42. It is clear from that disclosure that each of the three occurrences recited in Claim 31 correspond to a "power down instruction" as now recited in independent Claim 19.

The present reissue application also sets forth new Claims 32-61 for examination. Those new Claims 32-61 are claims written in "means plus function" format which also have clear support from the original letters patent 6,196,670. New Claims 32-61 correspond to the limitations recited in respective Claims 1-17 and 19-30 in the original U.S. letters patent 6,196,670 and can find support and in the corresponding specification portions therein.

Respectfully submitted,

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